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7. □□□

8. Grigori Perelman □ Poincaré conjecture □□

9. Demis Hassabis □ AlphaGo □□□□□□□□□□ intuition□□□□□□□□□□□□□□ intuition □□□□ Demis Hassabis □□□□ AlphaGo □□□□□ intuition □□□□□□□□□□ AlphaGo □□□□□□□□□□□□□□□ a meta-solution to any problem□

10. □□□ AlphaGo □□□□□□□□ Nature □□□□□□□□□ superhuman performance□□

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14. □□□□□□□□□□ The Selfish Gene□□ The Immortal Gene□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

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16. □□□□□□□□□□□□□Austrian School of Economics□□

17. □□□ selfish gene □□

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21. □□□ Turing Machine □□□□deterministic, probabilistic, etc.□□□□□□□□□□□□□□□

22. □□ Turing Test □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ SAE level 4 □ level 5 □□□

23. □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ word-embedding vector space □ encoder-decoder, attention, transformer, BERT □□□

24. □□□□□□□□□ deep-learning □□□□□□ deep residual networks □□□□□□generative adversarial networks, etc.□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

25. □□□□□□□□□□□□□ Universal Approximation Theorem □□□ overfitting□underfitting □□□□□□□□□□□□□□□□□□□□□□□ chaos phenomena □□□□□□□□□□□□

26. □□□ reward □□□ Reward Is Enough □□□□□□□

27. □□□selfish gene □□□

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28. □□□

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……其中包含 "natural law（自然法则）"。

Deepmind 的 Reward Is Enough……Reward Is Enough……